Work Order ID September-27-13 1:05:1			*107	7646*							Page 1
Item ID: 646.381 Revision ID:	10		Accept	*N900	040	100)*	Setup		1 70	S1*
Item Name: Bracket									Stop	*N	S2*
Start Date: 9/27/13	Start Qty: 4.00	*4*		Cust Item I	D:						
Required Date: 9/27/13 Reference:	Req'd Qty: 4.00	*4*		Customer:							
Approvals: Proces	ss Plan: ML5	Date: 13-09-3	o Tooling:	Da	ate:		1	Run	Start	17	R1*
QC: _	•	Date:	SPC (Y/N):	Da	ate:				Stop	*N	R2*
Sequence ID/ Work Center ID	Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reje Qty		Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr										
646.3800	N/C										44.77
110			0.00								6.11
110 Mill Conv	HAAS CNC VERTICA Memo	L MACHINING #1	0.00				4		0		//3/10/30
Conventional Milling Machin											!
	2- deburr a	and break all sharp edges									1
120	QC2- Inspect parts off	machine FAI/FAIB	0.00				4/				JUD.
7420* oc	Momo		0.00						<i>Y</i>		/13/10/30

0.00

Memo

Quality Control

NCR:	Yes	/	No
11011.	163	,	110

												DQA:	Date:	
NCR: Y	es	/ No					WORK ORDER NON-C	100	NFOR	MANCE / UPD	DATE	•		. 1
												QA Closed:	Date:	
Nork Orde	r:						DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
Part N NCR N	lo. _.						Rework Scrap Use-as-is Work Order Update		l .	Skid-tube Machining noforming Large Fab	Crosstube Small Fab Finishing Composite	i	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
							Tork order opdate			20180 102		l		J L
Root						-	tion of work order update	l l	nitial	Acti		Sign &	10	
Cause	_	Date	Step	Qty		01	r Non-conformance	Ch	ief Eng	Descr	iption	Date	Verification	QC Inspector
oc/Data														
quip/Tooling														
perator	_													
laterial														
etup					,			1						
ther								ł						
rocess								1						
upplier														
raining														
napproved														
							F.	AUL	T CATE	GORY				
Landi	ng (Gear					General		_		<u></u>	_		_
		Bending					Bend		Grain			Ovalized		Pressure/Forced
		Centre No	ot Concer	ntric to	o/s		BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure
		Cracks					Broken/Damaged	Г	Inspect	ion Incomplete		Part Incorred	ct	Weld
		Crushed/0	Crimped				Burrs		Instruct	ions Incomplete/U	Inclear	Part Lost/Mi	ssing	Wrong Stock Pulled
		Cuffs			Γ		Contamination		Mainte	enance		Part Moved		-
		Heat Trea	it		Γ		Countersink		Mislabe	eled		Positioned V	Vrong	
		Inspection	n Strip in	Tube			Cut Too Short		Misread	d		Power Loss/	Surge	Other
		Ripples in	Bend			٦	Drill Holes		Offset			•		-
		Torque W	aves in E	xtrusio	n	٦	Drawing	\Box	Out of	Calibration				
		Turning S				~	Finish	Г	Out of	Sequence			-	

Outside Dimensions

Wave/Twist in Tube

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Work Order ID 1 September-27-13 1:05:17			*10	1764	16*						Page 2
Item ID: 646.3810 Revision ID: Item Name: Bracket			Accept	*	1 9000	040	100)* s	etup Star Sto	171	S1* S2*
Start Date: 9/27/13 Required Date: 9/27/13 Reference:	Start Qty: 4.00 Req'd Qty: 4.00	*4* *4*			Cust Item II Customer:	D:					
Approvals: Process I	Plan:	Date:	Tooling:		Da	te:		F	tun Stai Sto	1/1	R1*
QC:		Date:	SPC (Y/N):		Da	te:		-	510	* *N	R2*
Sequence ID/ Work Center ID	Operation Description		Set Up/ Run Hou	rs	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
*130 *130* QC Quality Control	QC8- Inspect parts - secon	nd check	0.00	ء. کا	13/10/3	60		4	_ ¢		0A5 08 2.8
140	Outsource process-Anodi	ze per QSI017 4.1.10.1	0.00					(1)	100	1/06	$\langle G \rangle$
Outsource Process - Anodize	Memo Issue P/O to	atg: <u>21915</u>	0.00						(1514	1/0 ₆	
	1- Black And	odize as per Dwg 646.380)								
	2- PRIME A	S PER DWG, SEE NOTE	#2						•		
	Certification	of Comformity is required	i								
150	Receive & Inspect for Da	mage & Mat'l Certs	0.00] [3][1]	2. /
150 Packaging Packaging	Memo		0.00							[3]11,	122

13/11/2 y

												DQA:	Da	ite:	
NCR:	Yes	/ No				WORK ORDER NON-	COI	NFORM	MANCE / UF	PDATE					
						2000			-			QA Closed:	Da	ite:	
Work Ord	or.					DISPOSITION				AGAINST	DE	PARTMENT	/PROCESS		
VVOIR OIG	CI.					Rework	٦		Skid-tube	Crosstube]	Water Jet		Engineering
Part I	No.					Scrap		1	Machining	Small Fab		Pro	d. Eng. Coor.	\vdash	Quality
						Use-as-is	1		noforming	Finishing	_	1	re/Packaging		Other
NCR I	No.					Work Order Update]		Large Fab	Composite			Supplier		
					_									_	
Root					1	ption of work order update	1	Initial		ction		Sign &			
Cause	_	Date	Step	Qty	(or Non-conformance	Cr	nief Eng	Des	cription		Date	Verificatio	<u>n</u>	QC Inspector
Doc/Data	Ш				 										
Equip/Tooling								!						1	
Operator															
Material		•			!									i	
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Other							1								
Process															
Supplier	<u></u>		ļ	ļ											
Training	<u></u>		•												
Unapproved			<u> </u>	į											
						· · · · · · · · · · · · · · · · · · ·	FAUI	LT CATE	GORY						
Landi	ing (1			_	General	_	7			_	٦		_	1 .
	<u>_</u>	Bending			<u> </u>	Bend	<u> </u>	Grain			<u> </u>	Ovalized		\vdash	Pressure/Forced
	L	Centre N	ot Conce	ntric to	o/s	BOM/Route		Hardwa			_	Over/Under			Temperature/Cure
	_	Cracks				Broken/Damaged		- 1	ion Incomplete		_	Part Incorre		\vdash	Weld
		Crushed/	Crimped		<u> </u>	Burrs		_	ions Incomplete	e/Unclear	_	Part Lost/M	issing	L	Wrong Stock Pulled
		Cuffs				Contamination		Mainte			_	Part Moved			
		Heat Tre	at			Countersink	L	Mislabe	eled			Positioned V	Vrong	_	-
I	1	Inspectio	n Strip in	Tube	- 1	Cut Too Short	1	Misread	4		1	Power Loss/	Surge	1	Other

Offset

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Torque Waves in Extrusion

Drill Holes

Drawing

Finish

Work Order ID 107646

407040

Page 3

September-27-1.				~1()/(n4h"					Page 3
Item ID: Revision ID: Item Name:	646.3810 Bracket			Accept	*N900	04010	∩* ^s	Setup Star Stop	171.	
Start Date:	9/27/13	Start Qty: 4.00	*4*		Cust Item II	D:			IV.)/
Required Date: Reference:	9/27/13	Req'd Qty: 4.00	*4*		Customer:					
Approvals:	Process Pla	an:	Date:	Tooling:	Da	te:		Run Star	"IN F	≀1*
	QC:		Date:	SPC (Y/N):	Da	te:	_	Stop	° *NF	₹2*
Sequence ID/ Work Center II	D	Operation Description		Set Up/ Run Hours	Tool ID	Tool # Plan		Reject Qty		Insp. Stamp
*155 *155* QC		QC5- Inspect part comple	eteness to step on W/O	0.00 DA 22 9-	s 7 89		4		-	
QC Quality Control		Memo		0.00 Bl))	25		·			
180		Identify as per dwg & Sto	ock Location: 5752	4 0.00			41	DAG		
120 Packaging Packaging		Memo ***IDENTIF	Y AS PER APICAL MP	0.00 P-120 BY STAMPING P# A	ND REV***		4×	9-89	13-11-0	22
*										
4 ¹ 00		QC21- Final Inspection -	Work Order Release	0.00				13/1	1/210	1
1Q\n QC QC QC Quality Control		Memo		0.00				1-11	1-7	

pl3-11-25

											DQA	: Date:	
NCR: Y	⁄es	/ No				WORK ORDER NON-	COI	NFORM	ANCE / UP	DATE			,
										· ····	QA Closed	: Date:	
Work Orde	.r.					DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
WOIK OIGE	-1.	 				Rework	٦	l	Skid-tube	Crosstube	1	Water Jet	Engineering
Part N	No.					Scrap	1		Machining	Small Fab	Pro	od. Eng. Coor.	Quality
	•					Use-as-is		Therm	noforming	Finishing	Rec/Sto	re/Packaging	Other
NCR I	۷o.					Work Order Update			Large Fab	Composite]	Supplier	
Root					Descri	ption of work order update		Initial	Ac	tion	Sign &		
Cause		Date	Step	Qty		or Non-conformance	Cł	nief Eng	Desc	ription	Date	Verification	QC Inspector
Doc/Data	Ш												
Equip/Tooling							İ						
Operator	Ш												
Material													
Setup		Ī											
Other				1									
Process			İ										
Supplier							1						
Training] [
Unapproved									_				
							FAU	LT CATE	GORY				
Landi	ng (Gear				General	_	_		_	_		-
		Bending				Bend	L	Grain			Ovalized		Pressure/Forced
		Centre N	ot Conce	ntric to (o/s	BOM/Route		Hardwa	re		Over/Unde	r tolerance	Temperature/Cure
		Cracks				Broken/Damaged		Inspecti	on incomplete		Part Incorre	ect	Weld
		Crushed/	Crimped			Burrs		Instruct	ions Incomplete/	Unclear	Part Lost/M	lissing	Wrong Stock Pulled
		Cuffs				Contamination		Mainte	nance		Part Moved	i	
		Heat Tre	at			Countersink		Mislabe	led		Positioned	Wrong	_
		Inspection	n Strip in	Tube		Cut Too Short		Misread	i		Power Loss	/Surge	Other
	Г	Ripples ii	n Bend			Drill Holes		Offset				_	

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Picklist Print

September-27-13 1:05:17 PM

Work Order ID:

107646

Parent Item:

646.3810

Parent Item Name:

Bracket

Start Date: 9/27/13

Required Date: 9/27/13

Page 1

Start Qty: 4.00

Required Qty: 4.00

Comments:

IPP REV:A NEW ISSUE 12-10-22 JLM VERIFIED:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M7075T6A1.00X0.75X0. 125X0.060		Purchased	No			110	f	103.5550	0.1375	0.55			

7075T6 ANGLE 1.0" X .75" X .125" X .060"W

 Location
 Loc Otv

 MAT036
 103.555

 123947
 103.555

Loc Code

25' /13/10/30

												DQA:	D	ate:	
NCR:	⁄es	/ No				WORK ORDER NON-	COI	NFORM	MANCE / UPD	ATE			_		*
								_			_	QA Closed:	D	ate:	
Work Orde						DISPOSITION				AGAINST D	Εl	PARTMENT	/PROCESS		
WOIK OIG	=1.					Rework	7		Skid-tube	Crosstube	٦		Water Je)+	Engineering
Part I	No.					Scrap	-		Machining	Small Fab	┥	Pro	d. Eng. Coo		Quality
raiti	10.					Use-as-is	1		noforming	Finishing	ᅥ		e/Packagin	-	Other
NCR I	VΩ					Work Order Update	1		Large Fab	Composite	\dashv	nec, sto.	Supplie	~—	
							<u>ן</u>				_		2 3 4 4	· L	
Root			1		Descri	ption of work order update		Initial	Acti	on	٦	Sign &			
Cause		Date	Step	Qty		or Non-conformance	Ch	nief Eng	Descri	ption		Date	Verificati	on	QC Inspector
Doc/Data															
Equip/Tooling													•		
Operator									·					-	
Material											-				
Setup											١			}	
Other												;			
Process							İ								
Supplier	L			İ	ļ						-				
Training	L	[-				
Unapproved	L										╝				
						F	AUI	LT CATE	GORY		_				and the first of the first
Landi	_	7				General	_	,		_	_	1			1
	┕	Bending			<u> </u>	Bend		Grain		<u> </u>	_	Ovalized		!	Pressure/Forced
	L	Centre N	ot Conce	ntric to	o/s	BOM/Route	\perp	Hardwa			\dashv	Over/Under			Temperature/Cure
	_	Cracks			L	Broken/Damaged	\perp	- i '	ion Incomplete		\rightarrow	Part Incorred		\vdash	Weld
	_	Crushed/	Crimped		<u> </u>	Burrs	L	-1	ions Incomplete/U	nclear		Part Lost/Mi	ssing		Wrong Stock Pulled
	1	Cuffs			l	Contamination		Mainte	enance		-	Part Moved			

Mislabeled

Out of Calibration
Out of Sequence

Outside Dimensions

Misread

Offset

Positioned Wrong

Power Loss/Surge

Other

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Heat Treat

Inspection Strip in Tube

Torque Waves in Extrusion

Countersink

Cut Too Short

Drill Holes

Drawing

Finish Folio

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DART AEROSPACE LTD	Work Order: 1076 46
Description: Beauty	Part Number: (46, 3810
Description. Diagram	1 411 114111001. 747., 3810
Inspection Dwg: /46 3800 Rev: N/C	Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
3,50 \$ 0,090 0,38 0,44 0,88 \$ 0,06	+ 0010	3,497	V		NJP-04	Vim
\$ 0,090	+ 0,010	0,090	/		111	(1)
0,38	+ 0,010	0,379	/		111	,,1
0,44	+ 0,010	0,440			111	, , ,
0,88	+ 0,010 + 0,010 + 0,010 + 0,010	0.881			" / (171
R 0,06	± 0,010 ± 0,010	0,881				ladiu gruge
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	1					

Measured by:	RUP	Audited by:	15-A 08	Preliminary Approval:	_
Date:	13/10/30	Date:	13/10/30	Date:	

Rev	Date	Change	Revised by	Approved
E	10.04.14	Added preliminary approval	KJ	

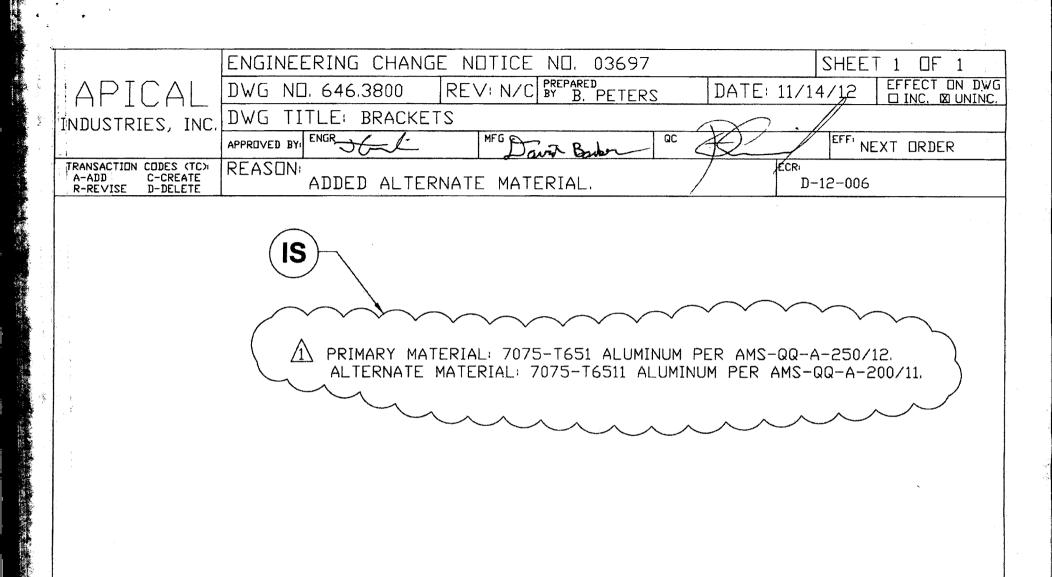
\$ 10.04.15

									DQA:	Date:	
NCR: Yes	/ No				WORK ORDER NON-C	ONFO	RMANCE / UP	DATE	OA Classel	Data	
									QA Closed:	Date:	
Work Order:					DISPOSITION			AGAINST DE	PARTMENT	/PROCESS	
					Rework		Skid-tube	Crosstube		Water Jet	Engineering
Part No.					Scrap		Machining	Small Fab		d. Eng. Coor.	Quality
NCR No.					Use-as-is Work Order Update	The	rmoforming Large Fab	Finishing Composite	Rec/Sto	re/Packaging Supplier	Other
Root				Descri	ption of work order update	Initial	Ad	ction	Sign &		
Cause	Date	Step	Qty		or Non-conformance	Chief Er	ng Desc	cription	Date	Verification	QC Inspector
Doc/Data					<u> </u>						
quip/Tooling											
Operator											
Material											
Setup											
Other											
Process	1	1				1					

			FAU	LICATEGORY				
Landing	Gear	General		_		_		_
	Bending	Bend		Grain		Ovalized		Pressure/Forced
	Centre Not Concentric to O/S	BOM/Route		Hardware		Over/Under tolerance	L	Temperature/Cure
	Cracks	Broken/Damaged		Inspection Incomplete	L	Part Incorrect	L	Weld
	Crushed/Crimped	Burrs		Instructions Incomplete/Unclear		Part Lost/Missing	L	Wrong Stock Pulled
	Cuffs	Contamination		Maintenance		Part Moved		
	Heat Treat	Countersink		Mislabeled	L	Positioned Wrong		
	Inspection Strip in Tube	Cut Too Short		Misread		Power Loss/Surge	L	Other
	Ripples in Bend	Drill Holes		Offset				
	Torque Waves in Extrusion	Drawing		Out of Calibration				
	Turning Sequence	Finish		Out of Sequence				
	Wave/Twist in Tube Folio			Outside Dimensions				

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Supplier Training Unapproved



SHEET 1, ZONE A2 IS:

107646 MCJ 13-09-30

FZN TC PART NUMBER	QTY	DESC	RIPTION			MATERIAL		SPECIFICATION	
DOCUMENTS EFFECTED:	□ RFMS (_ MDL	☐ INSTALL INSTRUC	□ ICA	CHANGE D BOM D MAJOR	CATEGORY MINOR	DER RE	VIEW REQUIRED 'ES 🖾 NO	

											DQA:	Date:	
NCR:	Yes	/ No				WORK ORDER NON-	·CO	NFORM	MANCE / UPD	ATE			•
											QA Closed:	Date:	
Work Orde	or.					DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
WOIK OIG	CI.,				 	Rework	٦		Skid-tube	Crosstube	1	Water Jet	Engineering
Part N	Vo.					Scrap	1	1	Machining	Small Fab	Pro	d. Eng. Coor.	Quality
	•					Use-as-is	1		noforming	Finishing	4	re/Packaging	Other
NCR I	No.			·		Work Order Update			Large Fab	Composite]	Supplier	
Root			<u> </u>		Descri	ption of work order update		Initial	Actio	on	Sign &		1
Cause		Date	Step	Qty		or Non-conformance	CI	hief Eng	Descrip	otion	Date	Verification	QC Inspector
Doc/Data													
Equip/Tooling			,				Ì						
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		Centre N	ot Conce	ntric to	o/s	BOM/Route	L	Hardwa	re		Over/Under	tolerance	Temperature/Cure
		Cracks				Broken/Damaged	L	Inspecti	ion Incomplete		Part Incorre	ct	Weld
		Crushed/	'Crimped			Burrs		Instruct	ions Incomplete/Un	nclear	Part Lost/M	issing	Wrong Stock Pulled
		Cuffs				Contamination		Mainte	enance		Part Moved		
		Heat Tre	at			Countersink		Mislabe	eled		Positioned \	Wrong	_
		Inspectio	n Strip in	Tube		Cut Too Short		Misread	t		Power Loss/	/Surge	Other
ļ		Ripples in	n Bend			Drill Holes		Offset					

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish

											DQA:	Da	ate:	
NCR: Y	es/	/ No				WORK ORDER NON-C	O	NFORM	MANCE / UPDATE		OA Classide			
							_				QA Closed:	Di	ate:	
Work Orde	or.					DISPOSITION			AGA	INST DE	PARTMENT	/PROCESS		
Part N	- . No.					Rework Scrap Use-as-is Work Order Update	Scrap Machining Small Fab Use-as-is Thermoforming Finishing			l Fab	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier			Engineering Quality Other
Root					Descri	ption of work order update		nitial	Action		Sign &			
Cause	İ	Date	Step	Qty	(or Non-conformance	Ch	ief Eng	Description		Date	Verification	on	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved														
						F	AUL	T CATE	GORY					
Landi		Bending Centre No	ot Conco	ntric to		General Bend BOM/Route		Grain Hardwa	ro		Ovalized Over/Under	toloranco		Pressure/Forced Temperature/Cure
		Cracks		illic to v),s	Broken/Damaged		Inspecti	on Incomplete		Part Incorre	ct		Weld
	\vdash	Crushed/ Cuffs	crimped		 	Burrs Contamination		Mainte	ions Incomplete/Unclear	-	Part Lost/Mi Part Moved	issing		Wrong Stock Pulled
	\vdash	Heat Trea	at			Countersink		Mislabe			Positioned V	Vrong		
	H	Inspectio		Tube		Cut Too Short		Misread			Power Loss/	_	Γ	Other
	-	Ripples ir				Drill Holes	\vdash	Offset		I		~		

Out of Sequence

Outside Dimensions

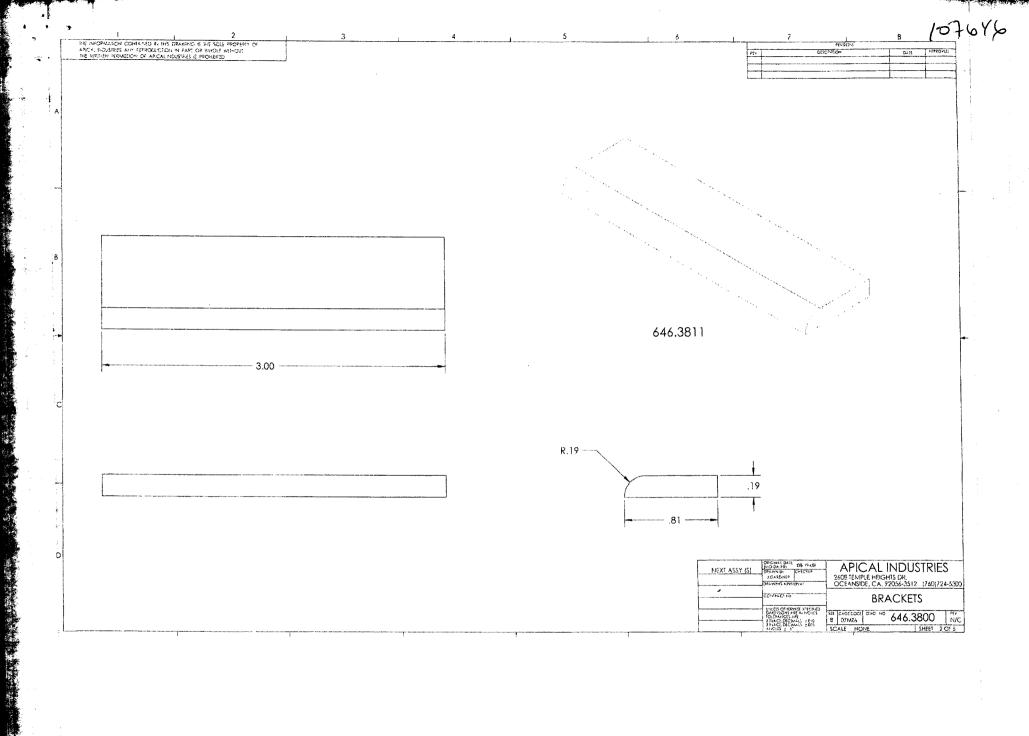
Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish



								-		DQA:	Date	:
NCR: Y	es / No				WORK ORDER NON-C	CON	FORN	MANCE / UPI	DATE			
										QA Closed:	Date	:
Work Orde	or:				DISPOSITION				AGAINST DE	PARTMENT	PROCESS	
WOIK OIGE	···				Rework	1 l		Skid-tube	Crosstube	1	Water Jet	Engineering
Part N	lo.				Scrap	1		Nachining	Small Fab	Pro	d. Eng. Coor.	Quality
					Use-as-is	1	Therm	oforming	Finishing	Rec/Stor	e/Packaging	Other
NCR N	lo				Work Order Update]		Large Fab	Composite]	Supplier	
Root				Descri	ption of work order update	In	itial	Act	tion	Sign &	:	
Cause	Date	Step	Qty	(or Non-conformance	Chie	ef Eng	Desci	ription	Date	Verification	QC Inspector
Doc/Data												
Equip/Tooling												
Operator										ļ		
Material	_											
Setup						1						
Other								•				
Process												
Supplier												
Training												
Unapproved				ļ.,							<u> </u>	
					·	AULT	CATE	GORY				
Landi	ng Gear				General				_	1	_	– , , ,
	Bending				Bend	1	Grain		<u> </u>	Ovalized	⊢	Pressure/Forced
	_	lot Conce	ntric to	o/s	BOM/Route		Hardwa		<u></u>	Over/Under	-	Temperature/Cure
	Cracks			<u> </u>	Broken/Damaged	\vdash		on Incomplete		Part Incorre	<u> </u>	Weld
		/Crimped			Burrs	-		ions Incomplete/	Unclear	Part Lost/M	ssing	Wrong Stock Pulled
	Cuffs				Contamination		Mainte			Part Moved		
	Heat Tre			<u> </u>	Countersink	\vdash	Mislabe		<u> </u>	Positioned V	F	-1
	⊢ ⊢	on Strip ir	1 Tube	<u> </u>	Cut Too Short	-	Misreac			Power Loss/	Surge	Other
	Rinnles	n Rend			Drill Holes	1 (Offset					

Out of Sequence

Outside Dimensions

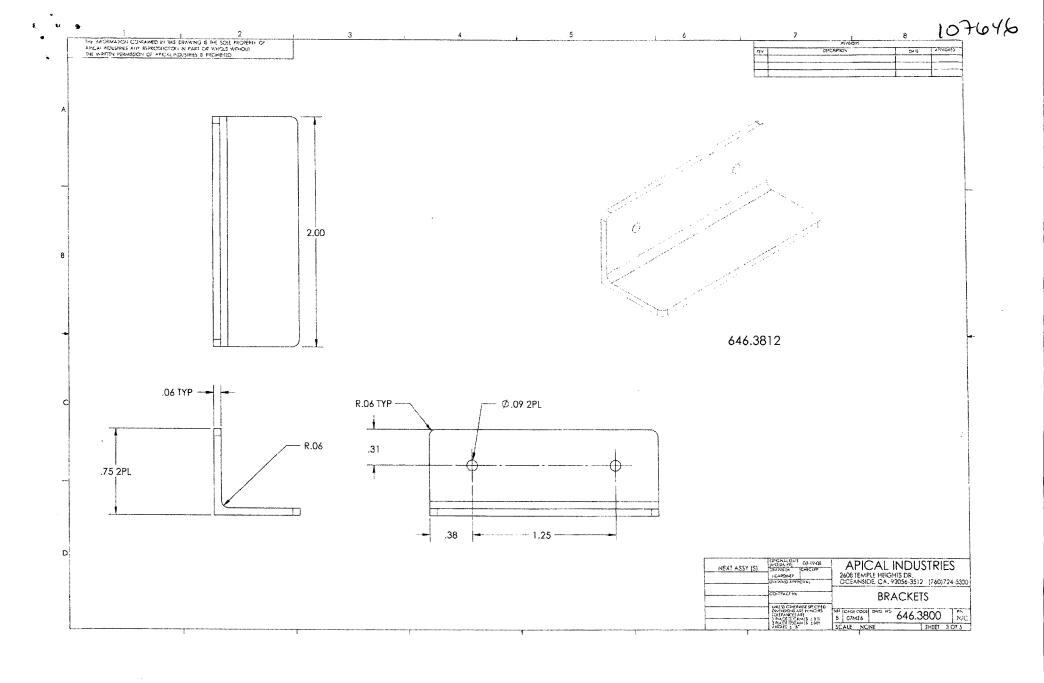
Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish



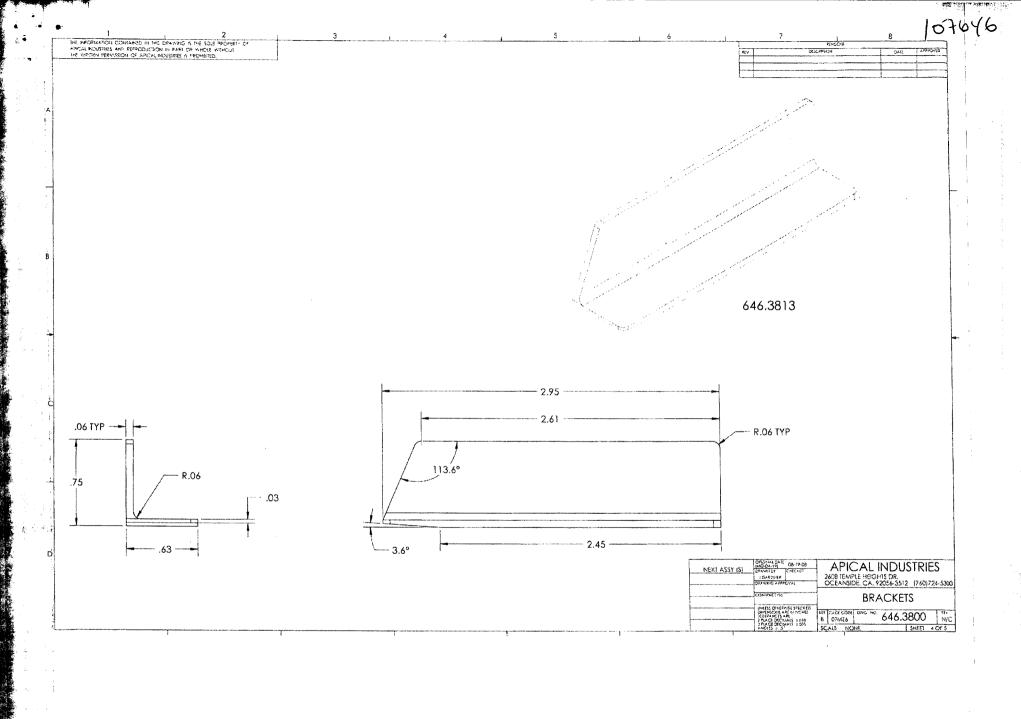
NCR: Y	es / No				WORK ORDER NON-C	CON	FORN	MANCE / UP	DAIL				
										QA Closed:	Date	2:	
Work Orde	r:				DISPOSITION				AGAINST DE	DEPARTMENT/PROCESS			
Part N					Rework Scrap		Skid-tube Crosstube Machining Small Fab				Water Jet d. Eng. Coor.	Engineering Quality	
NCR N	lo				Use-as-is Work Order Update			noforming Large Fab	Finishing Composite				
Root				Descri	ption of work order update	ln	itial	Ac	tion	Sign &			
Cause	Date	Step	Qty	(or Non-conformance	Chie	ef Eng	Desc	ription	Date	Verification	QC Inspector	
Doc/Data													
Equip/Tooling													
Operator													
Material							•						
Setup													
Other												İ	
Process													
Supplier													
Training				ı									
Unapproved													
						AULT	CATE	GORY					
Landir	ng Gear			_	General		<u>.</u>			1	Г	7	
; ;	Bending			_,_	Bend	\vdash	Grain			Ovalized		Pressure/Forced	
:	Centre N	ot Conce	ntric to (^{5/5} -	BOM/Route		Hardwa		<u> </u>	Over/Under	}	Temperature/Cure	
	Cracks	<i>(c :</i>		-	Broken/Damaged		-	ion Incomplete	(Unalasa	Part Incorre)-	Weld	
!	Crushed/Crimped Burrs						ions Incomplete/ enance	Unclear	Part Lost/M Part Moved	issing [Wrong Stock Pulled		
	Contamination Countersink				\vdash	Mislabe		-	Positioned V	Mrong			
	Heat Treat Countersink				\vdash				-}		Other		
	Inspection Strip in Tube Cut Too Short Ripples in Bend Drill Holes				\vdash	Misread Power Loss/Surge Other Offset					Totalei		
	—	n benu Vaves in I	Evtrucio	, H	Drawing	\vdash		Calibration		****	* ** ******		
	· ·			` 	-1	-		Sequence					
	Turning Sequence Finish				li itiliani	L 1	Out of a	requerice					

Outside Dimensions

Date:

DQA:

Wave/Twist in Tube



											DQA:	Dat	:e:	
NCR: Y	⁄es	/ No				WORK ORDER NON-	COI	VFORM	AANCE / UPDATE	Ε				•
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Work Orde	ar.					DISPOSITION			A	GAINST DEI	PARTMENT	/PROCESS		
WOIK OIG	٠					Rework	1		Skid-tube Crosstube			Water Jet		Engineering
Part N	No.					Scrap	1		—	nall Fab	Prod. Eng. Coor.			Quality
	•					1			noforming F	inishing	Rec/Sto	re/Packaging		Other
NCR I	۱o.					Work Order Update	ال		Large Fab Cor	mposite		Supplier		
Root					Descri	ption of work order update		Initial	Action		Sign &			
Cause		Date	Step	Qty	(or Non-conformance	Ch	nief Eng	Description	n	Date	Verification	1	QC Inspector
Doc/Data			ĺ											
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	<u> </u>	Bending				Bend	<u> </u>	Grain		<u> </u>	Ovalized		_	ressure/Forced
		Centre N	ot Conce	ntric to	o/s	BOM/Route	\vdash	Hardwa			Over/Under	t t	_	emperature/Cure
	<u> </u>	Cracks			<u> </u>	Broken/Damaged	\vdash	4	on Incomplete	-	Part Incorre	•		/eld
	Crushed/Crimped Burrs					╡ ̄````	\vdash	4	ions Incomplete/Unclea	ar	Part Lost/M		w	rong Stock Pulled
	Cuffs Contamination					 	-	Mainte		-	Part Moved			
	\vdash	Heat Tre			<u> </u>	Countersink	-	Mislabe		<u> </u>	Positioned \		\Box_{\sim}	*l
	<u> </u>	Inspection	-	Tube	<u> </u>	Cut Too Short	\vdash	Misread	1		Power Loss/	Surge	10	ther
ļ.	1	Ripples in	n Bend		1	Drill Holes	ı	Offset						

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish Folio

DQA:	Date:	•
DQA.	Date.	

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

Tien.	.5 / 110								QA Closed:	Date	e:			
Work Order	••				DISPOSITION		AGAINST DEPARTMENT/PROCESS							
Part No	D				Rework Scrap	Scrap Machining Small F					Engineering Quality Other			
NCR No	D	· <u>/ · · · · · · · · · · · · · · · · · ·</u>			Work Order Update	Ine	Large Fab	Finishing Composite	Rec/Sto	re/Packaging Supplier	Other			
Root		:		Descri	ption of work order update	Initial	Ac	tion	Sign &					
Cause	Date	Step	Qty		or Non-conformance	Chief Er	ng Desc	ription	Date	Verification	QC Inspector			
Doc/Data														
iquip/Tooling											•			
Operator														
Material														
etup														
Other														
Process														
Supplier														
Training		Ì								:				
Jnapproved									<u> </u>					
						AULT CA	TEGORY							
Landing	g Gear			_	General			_	-	-				
	Bending				Bend	Grai	n		Ovalized		Pressure/Forced			
	Centre No	ot Concei	ntric to (o/s	BOM/Route	Hard	ware		Over/Under	tolerance	Temperature/Cure			
L	Cracks				Broken/Damaged	Inspe	ection Incomplete	Ĺ <u>.</u>	Part Incorre	ct	Weld			
	Crushed/	Crimped			Burrs	Instr	uctions Incomplete/	'Unclear	Part Lost/M	issing	Wrong Stock Pulled			
	Cuffs				Contamination	Maii	ntenance		Part Moved					
	Heat Trea	at			Countersink	Misla	beled		Positioned \	Vrong _	_			
	Inspectio	n Strip in	Tube		Cut Too Short	Misr	ead		Power Loss/	'Surge	Other			
	Ripples in	Bend			Drill Holes	Offse	et							
Ī	Torque W	/aves in E	Extrusio	n [Drawing	Out	of Calibration							
	Turning Sequence Finish				Out of Sequence									
Ţ	Wave/Tw	ist in Tui	ne .		Folio Outside Dimensions									

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G



A.T.G. Industries Inc. 731, rue Industrielle Rd. PLATING DEPARTMENT Rockland, On K4K 1T2 Canada

Ph: (613) 446-4544 Fax: (613) 446-4556

Pack List

Number: 62753

Date: 22-Nov-13

То

DART AEROSPACE LTD 1270 ABERDEEN ST. HAWKESBURY, ON K6A 1K7 Canada Ship To

DART AEROSPACE LTD 1270 ABERDEEN ST. HAWKESBURY, ON K6A 1K7

Canada

Ph: 613-632-5200

Fax: 613-632-1185

Ph: 613-632-5200

Fax: 613-632-1185

Terms		Ship Via		
Quantity	Description			
1	Part: ASST		Rev:	
lot				
	10 PCS 646.3312 (12.05) 12 PCS 646.3010 (10.25)			
	6 PCS 646.3310 (18.10)			
	2 PCS 645 3110 (10.65)			
	4 PCS 646.3810 (6.55) 32 PCS 646.3715 (6.70)	ct 8		
	38 PCS 646.3718 (3.95)			
	6 PCS 646.9812 (22.80)			
	HARD ANODIZE BLACK MIL-A-8625 TYPE III CLASS 2			
	WIL-A-8025 TTFE III CLASS 2			
	PRIME MIL-P-23377J TYPE I CLASS N			
	PRICE IS PER PIECE			
	Job: 20130724	PO: 21915	Line:	
	A.T.G. Industries certifies that all items in this shipment are in conformance with all requirements, specifications and drawings referenced in the purchase order. ISO 9001: 2008 REGISTERED ATG SALES-2010 TERMS APPLY DATE: 22/11/13			
	CERTIFIED SIGNATURE			
	OZIVII IZB GIGIN II GIVE .		_	
	RECEIVER SIGNATURE :			
	NEGET VERY GIOLOGIC .		=	